

## ABSTRACT

[00368] Prosthetic joints, components for prosthetic joints, superhard bearing and articulation surfaces, diamond bearing and articulation surfaces, substrate surface topographical features, materials for making joints, bearing and articulation surfaces, and methods for manufacturing and finishing the same, and related information are disclosed, including a prosthetic joint component having at least one sintered polycrystalline diamond compact articulation surface and substrate topographical features in said polycrystalline diamond compact.